

ABSTRACT OF THE DISCLOSURE

A combination of a navigation satellite receiver and a communication device exchanges precise synthesized frequencies
5 and clocks between the navigation satellite receiver and the communication device. In one embodiment, a TCXO crystal serves as a reference for the navigation satellite receiver and locking onto the satellite transmissions allows highly accurate frequency synthesis and clock generation by it for
10 the communication device. In another embodiment, a VCO primarily affiliated with the communication device serves as a basic reference for the navigation satellite receiver, and subsequent locking onto the satellite transmissions again allows highly accurate frequency synthesis and clock
15 generation for the communication device. In a further embodiment, a VCO primarily affiliated with the communication device serves as a basic reference for the navigation satellite receiver after it locks onto the communications systems standards. The navigation satellite receiver
20 therefore has reduced clock uncertainty and can initialize and track satellites much faster than otherwise.